					Applicant = 0.5. Patent Doct	DEAL	
Form	1449	AWEdita	26	Application Number		RECE	IAIT
		14-	1	Filing Date			
	70		4	First Named Inventor		JUL 0	9 2004
	I	- 09	Publication	Art Unit	2674		
,	1	and 3	×	Examiner Name	Nguyen, K.	echnology	Center 26
	T	330	3	Applicant's File Number	F35	John Jones	
_	-	STATE 1	MOC				
Exam	iner	<u>us</u>	Publication	Patentee or Applicant	Relevent Information	US Class	
<u>Initial</u> :	S	<u>Patent</u>	<u>Date</u>	Name			
		Number					L
ΚM					Cited for related Interest	395/327	
				BRINSON ET AL	Footnote 98 Special Interest		
			7/25/1989	CAPCON CO.	Cited for related Interest	273/85	
			4/17/2001	KONAMI CO.	Cited for related Interest	463/3	
					Cited for related Interest	463/6	
ightharpoonup			2/2/1993	MOTOROLA, INC.	Cited for related Interest	340/870	<u> </u>
$-\!$			9/17/1996		Cited for related Interest	600/595	
			9/30/1997	TODA ET AL		345/157	ļ
				KAMI ET AL	Footnote 99 - Special Interest		ļ
				KOBAYASHI		463/53	<u> </u>
			2/29/2000			345/629	
			3/21/2000		Footnote 101 — Special Interes		
					Footnote 106 Special Interes		
						345/157	<u> </u>
		6225976				345/156	
				KAKU ET AL	Footnote 103 - Special Interes		
				OWEN ET AL	Footnote 105 - Special Interes		
$-\bot$				IKAHARA ET AL	Footnote 104 — Special Interes	345/157	
				ALBAN	Footnote 102 Special Interes		
				MIYAMOTO ET AL	Footnote 109 — Special Interes	463/32	
					Footnote 110 - Special Interes		
\perp					Footnote 111 - Special Interest		
					Cited for related Interest	338	
				MASSIMINO ETAL	Cited for related Interest	340	
					Footnote 114 Special Interest		
$\overline{}$						340/825	
	$\overline{}$				Footnote 115 Special Interest		
						345/160	
		5714983				345/168	
						345/172	
						345/174	
						178/	
<u> </u>					Cited for related Interest	178	
\perp					Cited for related Interest	178	
					Cited for related Interest	178	
					Cited for related Interest	178	
					Cited for related Interest	178	
					Cited for related Interest	178	
					Cited for related Interest	178	
					Cited for related Interest	178	
					Cited for related Interest	178	
					Cited for related Interest	178	
Ŀ	_				Cited for related Interest	178	
				ALLEN ET AL	Cited for related Interest	178	
A		5543590	8/6/1996	GILLESPIE ET AL	Cited for related Interest	178	

Kein M. Nguym

5/27/2005

Form 144	9 Modified	PER	Application Number	09/754,477	
	. /0	6/	Filling Date	Jan. 4, 2001	CEIVE
		الله المد	First Named Inventor	Jan. 4, 2001 Brad A. Armstrong	
		1, 3.0 mar E	Art Uni	1 2674	
	. 1 3	du S	Examiner Name	Nguyen, K. J	L 0 9 20 0 4
	12.	N. S.	Applicant's File Number		
	- V	TA TRADE		Techno	logy Center 2
		To TRADELLE			
Examiner	Foreign Patent	Publication	Inventor or Applicant	Relevent Information	
nitials	Document No.	Date	Name		
		mm-dd-yyyy			
KMN	EP0302158	11-13-1987	CAPCOM CO. LTD	Cited for related Interest	
1	EP0830881	08-07-1998	KONAMI CO. LTD	Cited for related Interest	
<u> </u>	EP0626634	11-30-1994	MATSUSHITA ELEC.	Cited for related Interest	-
	EP0403054	12-19-1990	QUANTAL LTD.	Cited for related Interest	
	JP11009837	04-30-1999	TAITO CORP.	Cited for related Interest	
	EP0952555	10-27-1999	SAIKAWA ET AL	Cited for related Interest	
	EP0852961	07-15-1998	KONAMI CO. LTD	Cited for related Interest	
	WO0152042	07-19-2001	SONY COMP. ENTER.	Cited for related Interest	
	JP07-051467	02-28-1995	MITSUNORI ETAL	Footnote 112 - Special Interes	
	TW288636	10-11-1996	PRIMAX ELECTRONIC	Cited for related Interest	
	TW369431	09-11-1999	SONY COMPUTER ENT.	Cited for related Interest	
	JP10-258181	09-29-1999		Cited for related Interest	
- 	JP-B-H1-40545	00-20-1000	ALI O LLEO MONIO CO.	Footnote 113 Special Interes	•
	WO9307606 ~	04-15-1993	COPPER ETAL	Cited for related Interest	
		12-15-1994	COPPER ETAL	Cited for related Interest	
		07-20-1994	COPPER ETAL	Cited for related Interest	
		04-15-1993	COPPER ETAL	Cited for related Interest	
_		05-03-1993	COPPER ETAL	Cited for related Interest	
		04-04-1996	COPPER ETAL	Cited for related Interest	
		02-12-1998	MARTINELLI ETAL	Cited for related Interest	
 -		12-15-1993	MILLER ETAL	Cited for related Interest	
_	DE69324067T/		MILLER ET AL	Cited for related Interest	
	DE69324067D		MILLER ET AL	Cited for related Interest	
		03-14-1996	ALLEN ET AL	Cited for related Interest	
	JP10505183T		ALLEN ET AL	Cited for related Interest	
			ALLEN ET AL	Cited for related Interest	
				Cited for related Interest	
	WO9607966 ✓			Cited for related Interest	
				Cited for related Interest	
	JP10505182TJ			Cited for related Interest	
				Cited for related Interest	
	DE69521617D		ALLEN ET AL	Cited for related Interest	
				Cited for related Interest	
				Cited for related Interest	
	WO9718508 ✓			Cited for related Interest	
	JP11511580T ~	10-05-1999	ALLEN ET AL	Cited for related Interest	
	EP0861462 U	09-02-1998		Cited for related Interest	
				Cited for related Interest	
Ψ	JP012040098 🗸			Cited for related interest	

Examiner Signature Kevin M. Nguyn Date Consid	ered 5/27/2005

NON PATENT LITERATURE DOCUMENTS AND OTHER REFERENCES -

/ JUN	ر الإ						
12.	as T						
- Con	Application Number: 09/7 Filing Date: Jan. 4, 2001	54,477					
	Filing Date: Jan. 4, 2001				DI		ָר ב
	First Named Unit: Brad A.	Armstrong			n	CEIV	
	Group Art Unit: 2674						
	Examiner's Name: Nguye	n. K.		<u> </u>	J	UL 0 9 20	104
	Applicant File Number: F3						
	y applicant in items			Techr	ology Cen	er 2600	
EXAMINER	NON PATENT	Additional Data in		 	1500	COUGH CEN	EL ZUUU
INITIALS	LITERATURE DOCUMENTS AND OTHERS REFERENCES	<u>Footnote</u>	_				
, KIWI I O	IBM TECHNICAL DISCLOSURE BULLETIN, vol. 21, no. 9, Feb. 1, 1979, pages 3845-3846, Anonymous author, Title: "Keyboard Device For Upper And Lower Case Keying Without Shifting". The Present Applicant could not locate a copy of this IBM disclosure but lists the data because it was cited as an "X" reference in a European Patent Office Search report on a related invention filed for by another Applicant.	Cited for related interest					
KMN		Cited for related interest					
<u>· </u>						•	
				_			
							
				 			
1		<u>. </u>]

Examiner Signature	Kerin N	1. Nguyan	Date Considered	5/27	/2005

US PATENT APPLICATION PUBLICATIONS -

JUN 3. E								
130	CALL.	hber: 09/754,477	,		D	FOEI	VED	
- CO	Apation Num	nber: 09/754,477			n	COLI	<u> </u>	
	Irming Date. Jan	I. 4, 200 I					9004	
	First Named Un	it: Brad A. Armstro	ng			 JUL 0 9	7004	
	Group Art Unit:	2674]	
	Examiner's Nam				Tec	nology Ce	Inter 2600	
	Applicant File N					7,]	
•]	
Examiner	Publication	Pub. Date	inventor or	Additional Data			1	
Initials	Number		Assignee	in Footnote			j	
]	
	_					_]	
KMN	US	7/19/2001	KOMATA	Cited for related]	
10,4110	2001/0009037	7713/2001	KOWATA	interest		<u> </u>		
KMN	US	11/15/2001	Hartford etal	Special interest				
K,411,	2001/0040585	117.1072001	Training Cour	footnote 107			1	
KMN	US	9/5/2002	Kim	Special interest		1		
1000	2002/0122027			footnote 108			Į	
			 	 			Į	
		ļ		ļ			ļ	
							ļ	
					<u> </u>		ł	
						ļ		
		· · · · · · · · · · · · · · · · · · ·	 		· · · · · · · · · · · · · · · · · · ·	-	Į.	
	 		 	 			ł	
		- 					ł	
			· · · · · · · · · · · · · · · · · · ·			 	{	
			 				1	
							1	
			<u> </u>	 				
	<u> </u>		1					
•			†····					
				1		· · · · · · · · · · · · · · · · · · ·]	
					- · · · · · · · · · · · · · · · · · · ·			
<u> </u>								
	,							
			ļ					
								
		·						

Examiner Signature	KevinM.	Ngreyer	Dat Cor	ite onsidered	5/27/2005	